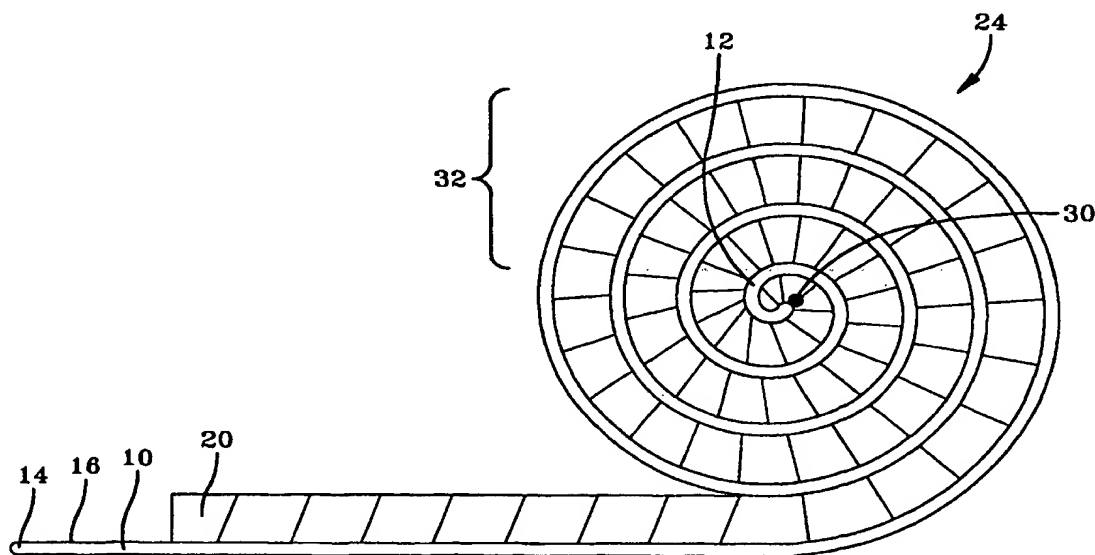




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<b>(21) International Application Number:</b> PCT/US98/11069 <b>(22) International Filing Date:</b> 1 June 1998 (01.06.98)  <b>(71) Applicant (for all designated States except US):</b> THE GOODYEAR TIRE & RUBBER COMPANY [US/US]; 1144 East Market Street, Akron, OH 44316-0001 (US).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> VARGO, Richard, David [US/US]; 4172 Kenneth Road, Stow, OH 44224 (US). HUFFSTETLER, Charles, Terry [US/US]; 1504 Matthews, Union City, TN 38261 (US).  <b>(74) Agent:</b> EMERSON, Roger, Dale; The Goodyear Tire & Rubber Company, c/o Robert W. Brown, 1144 East Market Street, Akron, OH 44316-0001 (US).		<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM; AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>

**(54) Title:** HYBRID LINERS HAVING REDUCED ADHESION TO AN UNVULCANIZED RUBBER MATERIAL

**(57) Abstract**

A hybrid liner (40) and system for using a hybrid liner includes a first portion (42) being made of one material and a second portion (44) being made of a separate material. The two materials have a different propensity for sticking to the unvulcanized rubber component (20) as well as a different cost. The invention concerns using the less sticky, more expensive liner in the areas of the liner roll where sticking is more likely to occur and using the less expensive material where liner to rubber adhesion is less of a problem.

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